

# Air Ionizer Verification Record

Ionizer Verification Sequence Number: 08-001

WORKING STANDARD USED						
Asset/ISO #:	Manufacturer:	Model:	Serial No.	Calibration Date:	Calibration Due:	Calibration By:
25746	ION	775	7626	6-18-07	6-18-08	JPL

AIR IONIZER INFORMATION						
Asset/ISO #:	Manufacturer:	Model:	Serial No.	Verification Date:	Verification Due:	Verification By:
28456	ION	6442	8527	2-26-08	8-23-08	JPL 036
Inspector:	Location:	Owner:	Fail: Y/N ?	Cleaned: Y/N ?	Adjusted: Y/N ?	Prior Sequence#
Minh Do	103/120 (ST-1)	Martha Cortez	N	N	N	NA

## VERIFICATION DATA

HBM Sensitivity Level: 50V (from Table 1)

Fan controller setting: high (High, Low, NA)

Distance of ionizer from the charge plate: ≈ 24 inches

Ionizer Float Potential Tolerance  $\pm$  50 Vdc. (from Table 1)

Measured Float Potential values recorded below.

1	2	3	4	5	Comments:
10V Vdc.	0 Vdc.	0 Vdc.	0 Vdc.	0 Vdc.	

Ionizer Discharge Voltage Range:  $\pm$  1000 Vdc to  $< \pm$  50 Vdc (from Table 1)

Ionizer Discharge Time Tolerance: 20 seconds. (from Table 1)

Measured Discharge Time in second(s) and recorded values below.

1 (+1000 to +Vdc)	2 (+1000 to +Vdc)	3 (+1000 to +Vdc)	4 (+1000 to +Vdc)	5 (+1000 to +Vdc)	Comments:
3.7 sec	3.9 sec	3.8 sec	4.0 sec	3.9 sec	
1 (-1000 to -Vdc)	2 (-1000 to -Vdc)	3 (-1000 to -Vdc)	4 (-1000 to -Vdc)	5 (-1000 to -Vdc)	Comments:
5.3 sec	5.0 sec	5.2 sec	5.1 sec	5.2 sec	

**Record** any corrective action required to restored ionizer operation (cleaning, adjustment, replacement, etc.)

If Ionizer was replaced, indicate below the identification of replacement.

Asset/ISO #: \_\_\_\_\_ Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial No.: \_\_\_\_\_

Sequence number for verification of replacement Ionizer: \_\_\_\_\_

**Record** inspection schedule and rational for that schedule.